(Second Series.) Vol. 7.

Western Australia.

Supplement

TO THE

JOURNAL

OF THE

DEPARTMENT OF AGRICULTURE

OF

WESTERN AUSTRALIA

MARCH, 1931.

By Direction of

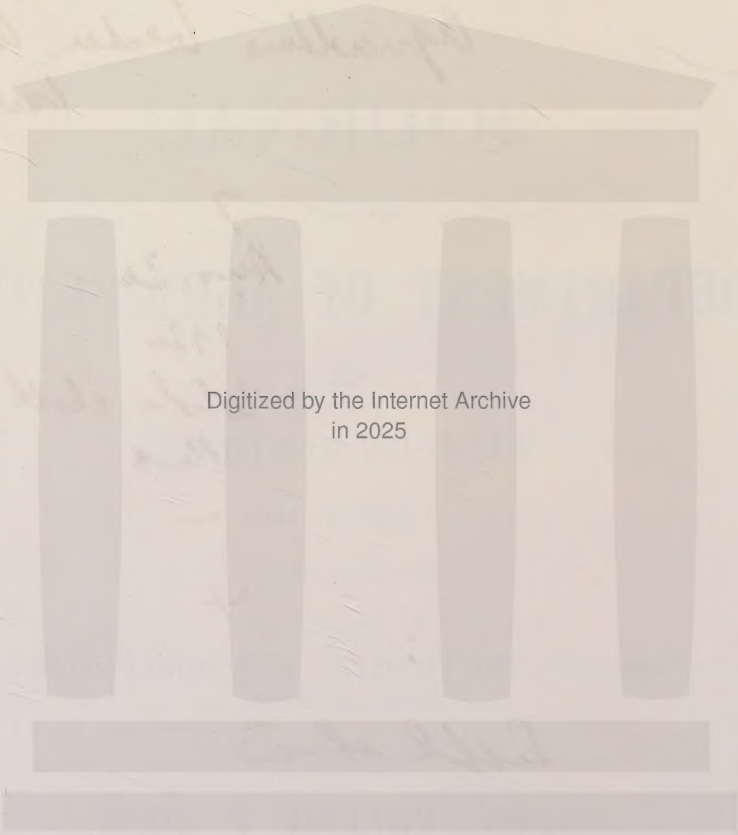
The HON. THE MINISTER FOR AGRICULTURE.

Editor, W. Deans.

INDEX, VOLUME 7, 1930.

PERTH:
BY AUTHORITY: FRED. WM. SIMPSON, GOVERNMENT PRINTER.
1931.

x 6404/31.



Digitized by the Internet Archive
in 2025

https://archive.org/details/journal-of-agriculture-western-australia_1930_7_index

Supplement to the Journal of the Department of Agriculture of Western Australia.

March, 1931.

INDEX

Vol. 7, 1930.

SUBJECT INDEX.

A.

	Page
Addresses to South-West Conference	413
Agricultural Seeds and their Weed Seed Impurities	491, 574
Apple Scab	241
Albany—A Short Horticultural and Agricultural History	3

B.

Bacon Pig	146
Bateman Centenary Wheatgrowers' Cup	234
Bees Act—The New	547
Bee-keeping Notes—Importance of Good Stock	112
Bee Hives	328
Beerseem or Egyptian Clover	365
Best Kept Farm Competition	135
Blackleg in Cattle in Western Australia	88
Blowfly Parasite	89
Blowfly	592
Blue Mould of Tobacco	469
Bordeaux Mixture	600
Braxy-like Disease of Sheep in Western Australia	447
Breeders of Tamworth Berkshire Breeding Sows	494
Bunt Resistance Tests	326
Blue Pimpernel	104
Banana in Western Australia	560

C.

Cape Gooseberry	540
Care in Crutching	307
Centenary Production Certificates for Wheat	390
Centenary Certificates for Sheep Farmers	462
Cheap Face Cut Silos	421
Comb Honey Production	495
Combined Spray for the Destruction of the Clover Springtail (Lucerne Flea) and the Red-legged Earth Mite	507
Comparison between Oats and Cape Barley for Winter Feed	324
Concrete on the Farm	96
Contagious Abortion in Cattle	476
Convenient Method of Distributing Oats to Sheep	384
Cooling of Milk and Cream	557
Cost of Feeding Pure Bred Cows	449
Costs in Co-operative Effort to Control Fruit-fly	465
Council for Scientific and Industrial Research	367

INDEX—*continued.*

D.

	Page
Dipping of Sheep	590
District Challenge Wheat Yield Competitions	342
Double Gee	504

E.

Effect of Superphosphate on Subterranean Clover Seed	108
Egg—The Standard	299
Eggs—Export of	5
Elementary Practice of Agricultural Chemistry	442
Enumeratio Plantarium Australiae Occidentalis	At end

F.

Fallowing for Fertility	119
Fallow Competitions	426, 431, 434, 437, 439
Farmers' Field Trials, 1929—Grass Patch	264
Fertilisers	533
Fertiliser Values	314
Field Experiments with Wheat	165, 173, 178, 187
Field Experiments with Wheat, 1929	279, 284, 287, 290
Field Experiments with Wheat and Oats	194, 203, 293
Foreword—Minister of Agriculture	231
Fruit-fly Lure—A New. Interim Report	503

G.

Grass Patch—Farmers' Field Trials, 1929	264

H.

Herd Testing—Official List	458
Horticultural and Agricultural History of Albany	3
Hives—Bee	328
Honey Production—Comb	495
Horticultural Notes	106, 375, 464, 610

K.

Kapok	426

L.

Lambs for Export—Production of	486
Lemon Curing	588
Live Stock and Meat Return	227, 404, 508, 615
List of Publications	35, 409, 511, 618
Lucerne—The Queen of Fodders	516
Lucerne Seed from Argentine—Trial with	384
Lumpy or Matted Wool, or Mycotic Dermatitis in Sheep	571

M.

Market Report	225, 405, 507, 616
Merchants' Gift to Research	368
Meteorological Return	230, 406, 509, 617
Metropolitan Fat Stock Market	615
Mexican Poppy	612
Milk—Cooling of	557
Minister at Merredin Experiment Farm	325
Moisture and Nitrate—Nitrogen Fluctuations in Mulching Experiments	215
Muresk Agricultural College—Chicken Feeding Experiment	443

INDEX—*continued.*

N.

	Page
New Bees Act	547
Nitrogenous Fertilisers	578
Notes on the Cultivation of the Tangier Pea	110
Nungarin Agricultural Society's Fallow Competitions	319

O.

Oat Variety Trials at Boddington and Dardanup	224
Oat Variety Trials at Denmark	323
On the Art of Helping Ourselves	513
Outbreak of Downy Mildew of Tobacco	469
Outbreak of Downy Mildew in Tobacco—Regulations	614
Owners of Bulls	592

P.

Pasture Competition	542, 544, 546
Peanut—Its Cultivation in Western Australia	498
Pedigree Seed Wheat and Oats	611
Pertinent Topics	383, 384, 385
Phosphatic Licks for Stock	354
Pollination of Orchards	316
Porkers and Baconers	383
Potato Certification Scheme	347
Potato Growing—Consideration of Seed	379
Potato Fertilisers at Burekup	398
Present Comparative Value of Feeding Stuff	386
Producers' Market Report	227, 407, 510

R.

Red Legged Earth Mite	115
Register of Fertiliser Firms	308
Return of Wheat Prices	226, 403, 508
Root Nodules on Lupins	556
Royal and District Agricultural Society's Crop Competitions	10

S.

Scab—Apple	241
Selecting and Breeding Ewes	377
Seed Testing	8, 362
Sheep—The Dipping of	590
Short Horticultural and Agricultural History of Albany	3
Some Parasitic and Non-Parasitic Causes of Empty or Tipped Heads in Wheat	153
Stack Silage	221
Standard Egg	299
Sterility in Dairy Cows	413
Stomach Worms in Sheep	416
Subterranean Clover—Effect of Superphosphate	108
Systematic Census of Western Australian Flora	1

T.

Tangier Pea—Notes on the Cultivation of	110
Tobacco Investigations	549
Tomato Culture in Western Australia	338, 480
Tomato—A Fruit or a Vegetable	385
Trials with Cassin Tea Plant	573
Turnip—The Wild. A Preliminary Note	393

W.

Wild Turnip—A Preliminary Note	393
Wheat Prices Return	403, 508

INDEX—*continued.*

AUTHORS INDEX.

A.

ADAMS, A. B.— Page
New Strain of Early Subterranean Clover 540
Root Nodules on Lupins 556
Effect of Superphosphate on Subterranean Clover Seed 108

ARMSTRONG, J. T.—
Oat Variety Trials at Denmark 323
Comparison between Oats and Cape Barley for Winter Feed 324
Beerseem or Egyptian Clover 365

B.

BARON-HAY, G. K.—
Notes on the Cultivation of the Tangier Pea 110
The Bacon Pig 146
Stack Silage 221
Present Comparative Value of Feeding Stuff 386
The Cooling of Milk and Cream 557

BARON-HAY, G. K., and COUSINS, P. C.—
The Cost of Feeding Pure Bred Cows 449

BENNETTS, H. W.—
Braxy-like Disease of Sheep in Western Australia 447

BRETT, J. H.—
Field Peas as Rotation Crops 418

C.

COLLINS, W. E.—
Potato Growing—Consideration of Seed 379

CULLITY, M.
The Best Kept Farm Competition 135
Cheap Face Cut Silos 421

CLARK, A. McKENZIE—
Contagious Abortion in Cattle 476

D.

DAVENPORT, N.—
Fertiliser Values 314
Fertilisers 533

E.

EDITOR—
A Systematic Census of West Australian Flora 1
Art of Helping Ourselves 513

ELLIOTT, H. G.—
Seed Testing 8
Do. 362
Agricultural Seeds and their Weed Seed Impurities 491
Do. do. do. do. 574

F.

FILMER, J. F.—
Lumpy or Matted Wool or Mycotic Dermatitis in Sheep 571

FLOOD, A. F.—
Blackleg in Cattle in Western Australia 88
Phosphatic Licks for Stock 354

INDEX—*continued.*

G.

GARDNER, C. A.— Page
The Blue Pimpernel 104
Enumeratio Plantarium Australiae Occidentalis. (At end of March issue.)
The Wild Turnip—A Preliminary Note 393
Kapok 426
The Double Gee 504
Mexican Poppy 612

GAUNTLETT, G.—
Oat Variety Trials at Boddington and Dardanup 224
Pasture Competition, Kojonup 542

J.

JOINER, E. M.—
Elementary Practical Agricultural Chemistry—A Review 442

L.

LANCE, H. WILLOUGHBY—
Bee-keeping Notes—Importance of Good Stock 112
Pollination of Orchards 316
Bee Hives 328
Comb Honey Production 495
New Bees Act 547

LIMBOURNE, E. J.—
Bunt Resistance Tests, Merredin 326

Mc.

McCALLUM, H.—
Care in Crutching 307
Selecting and Breeding Ewes 377
The Dipping of Sheep 590

M.

MINISTER FOR AGRICULTURE—
Foreword 231

MORGAN, E. T.—
Tomato Culture in Western Australia 338, 480

N.

NEWMAN, L. J.—
The Red Legged Earth Mite 115
A New Fruit-fly Lure—Preliminary Report 503
Combined Spray for the Destruction of the Clover Springtail (Lucerne Flea) and the Red Legged Earth Mite 506
The Blowfly 592

NEWMAN, L. J., and ANDREWARTHA, H. G.—
Blowfly Parasite 89

P.

PALMER, J. C.—
Potato Fertilisers at Burekup 398

PITTMAN, H. A.—
Parasitic and Non-Parasitic Causes of Empty or Tipped Heads in Wheat 153
Apple Scab 241
An Outbreak of Downy Mildew (Blue Mould) of Tobacco 469
Bordeaux Mixture 600

INDEX—*continued.*

PITTMAN, H. A., and ELLIOTT, H. G.— Page
Potato Certification Scheme 379

R.

ROBERTS, R. P.—
Fallow Competition, Narembeen—100 acres 426

RICHES, J. H., and FROOME, S.—
Muresk Agricultural College—Chicken-Feeding Experiment 443

RICHARDSON, W. T.—
Export of Eggs—Rejects, Their Causes and Remedy 5
The Standard Egg 299

RUDALL, H.—
Fallow Competition, Nungarin Agricultural Society 319

S.

SIMMONS, CHAS.—
Costs Incurred in Co-operative Effort to Control Fruit-fly 465

SUTTON, GEO. L. (Director)—
Merchants' Gift to Research 368
Pertinent Topics:
Porkers and Baconers 383
Convenient Method of Distributing Oats to Sheep 384
Trial with Lucerne Seed from the Argentine 384
Is the Tomato a Fruit or a Vegetable? 385
Production of Lambs for Export 486
Lucerne: The Queen of Fodders 516

SWAN CEMENT COMPANY—
Concrete on the Farm 96

T.

THOMAS, I.—
Bateman Centenary Wheat Growers' Cup 234
Royal and District Agricultural Society's Crop Competitions 10
District Challenge Wheat-Yield Competitions 342
Pedigree Seed Wheat and Oats 611

THOMAS, I., and STEVENS, G. K.—
Field Experiments with Wheat, 1929, Yilgarn Experiment Farm .. 165, 287

THOMAS, I., and GISHUBL, F.—
Field Experiments with Wheat, 1929, Dampawah Experiment Farm .. 173

THOMAS, I., and JEFFREY, P.—
Field Experiments with Wheat, 1929, Chapman Experiment Farm .. 178, 290

THOMAS, I., and SENIOR, L. G.—
Field Experiments with Wheat, 1929, Salmon Gums Experiment Farm .. 187, 284

THOMAS, I., and LANGFIELD, J. H.—
Field Experiments with Wheat, 1929, Merredin Experiment Farm .. 194, 279

THOMAS, I., and VENTON, A. R.—
Field Experiments with Wheat, 1929, Wongan Hills Light Land Farm .. 203

THOMAS, I., THROSSELL, G. L., and SHIER, F. L.—
Farmers' Field Trials, 1929 264

TEAKLE, L. J. H., and BURVILL, G. H.—
Moisture and Nitrate—Nitrogen Fluctuations in Mulching Experiments 215
Fallowing for Fertility 119

TEAKLE, L. J. H.—
Nitrogenous Fertilisers 578

INDEX—*continued.*

Page

THROSSELL, G. L.—
Fallow Competitions:
Bruce Rock 431
Southern Mallee 434
Mt. Marshall 437
Merredin 439
Trials with Cassin Tea Plant 573

TWADDLE, E. F., M.R.C.V.S.—
Sterility in Dairy Cows 413
Stomach Worms in Sheep 416

V.

VAUGHAN, A. C.—
A short Horticultural and Agricultural History of Albany 3

W.

WICKENS, Geo. W.—
Horticultural Notes 106, 375, 464, 610
Cape Gooseberry 540
Lemon Curing 588

WEST, E. R.—
Interim Report on the Protection of Young Citrus Fruit from Frost 141

WILD, A. S., and BAILEY, J.—
Field Experiments with Wheat and Oats, Avondale State Farm 293

WISE, F. J. S.—
The Peanut—Its Cultivation in Western Australia 498

WILD, A. S.—
Pasture Competition:
Cranbrook 544
West Arthur 546

ARTICLES ILLUSTRATED.

Page

AGRICULTURAL—
Black Spot 242, 244-5, 247, 249, 251-2, 255, 258, 260-1
Bordeaux Mixture 606, 608
Fallowing for Fertility 131-134
Merchants' Agricultural Research Fund 373
Minister for Agriculture 233
Moisture and Nitrate—Nitrogen Fluctuations in Mulching Experiment Plots 218
Nitrogenous Fertilisers 581, 582
Outbreak of Downy Mildew of Tobacco 471
Parasitic and Non-Parasitic Causes of "Empty" or "Tipped" Heads in Wheat 154, 156, 159, 160, 162, 164
Potato Certification Scheme 348-352
Tomato Culture in Western Australia 482, 484

BEES—
Bee-keeping Notes—Rottnest Queen Making Apiary 113
Bee Hives 329-334, 336-7
Comb Honey Production 497

BOTANICAL—
Blue Pimpernel 105
Double Gee 505
Mexican Poppy 613
Wild Turnip 393, 395

ARTICLES ILLUSTRATED—*continued.*

	Page
ENTOMOLOGICAL—	
Blowfly Parasite	91
Blowflies in the South-West	593, 595
GRAIN—	
Bateman Cup Zone Map	239
Beck, H. O., 50 acres "Yandilla King"	66
Cockram, C. E., 50 acres "Yandilla King"	65
Crop Competitions Zone Map	11
Haywood, T., Winning Crop of "Nabawa"	76
McDonald, J., 50 acres "Bena"	66
GENERAL—	
Banana in Western Australia	562-567
Concrete on the Farm:	
Drain Pipes	96
Dipping Tanks	98
Fence Posts	101
Septic Tank	100
Convenient Method of Distributing Oats to Sheep	384
Phosphatic Licks for Stock	356-357
Tangier Pea	110, 111
PASTORAL—	
Care in Crutching	**307**
Cooling of Milk and Cream	558, 559
Cost of Feeding Pure Bred Cows	456
Cheap Face Cut Silos	423, 424
Dipping of Sheep	590-1
Lucerne, Queen of Fodder Crops	518, 520, 523, 525, 527, 530
Pasture Competitions	542, 543
Stack Silage	222
PIGS—	
The Bacon Pig	**146, 151, 152**
POULTRY—	
The Egg Market	**298**
The Standard Egg	**301, 306**

By Authority: FRED. WM. SIMPSON, Government Printer, Perth.